

## PRESS RELEASE

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### **IXYS Integrated Circuits Division Introduces a New Low Cost Dual 5A Gate Driver IC**

*The IX4340 is capable of driving most IXYS Power MOSFETS and IGBTs*

Beverly, MA – June 22, 2017. IXYS Integrated Circuits Division (ICD), Inc., a wholly owned subsidiary of IXYS Corporation (NASDAQ: IXYS), announced the immediate availability of the IX4340 low cost Dual 5A Gate Driver IC. The IX4340 features two high current outputs, both capable of sourcing and sinking up to 5A. Both outputs have an absolute maximum voltage rating of 20V. With matched propagation delays, the identical output drivers can be connected in parallel for higher current applications. The logic inputs are TTL and CMOS logic compatible, and there is an Enable function for each output. Under-voltage lockout circuitry prevents the high-side source driver from conducting until there is sufficient supply voltage.

Fast propagation delay times (16ns typical) and fast rise and fall times (7ns typical) make the IX4340 well suited for high frequency applications. The gate driver has an extended operating temperature range of -40 degrees C to +125 degrees C, and has a +/-4kV ESD rating (human body model). The IX4340 is supplied in a thermally enhanced 8-lead SOIC package (IX434NE) and a standard 8-lead SOIC package (IX434N).

The low cost IX4340 is well suited for driving power MOSFETs and IGBTs in high power SMPS applications, power inverters, DC to DC converters, and motor controls. The IX4340 is the latest addition to IXYS ICD's extensive gate driver portfolio. For even higher gate drive requirements, IXYS ICD offers 14A (IXD\_614 series) and 30A (IXD\_630 series) gate driver ICs.

IXYS offers the largest portfolio of drivers for power devices, non-isolated, optically isolated and transformer isolated drivers for power SiC and Si MOSFETS, IGBTs, thyristors and respective power modules. The drivers match very well the wide selection of IXYS Power Semiconductors.

For more information and to access the datasheet, visit:

<http://www.ixysic.com/home/pages.nsf/locate.rep>, and  
<http://www.ixysic.com/Products/IGBT-MOSFETDvr.htm>

## **About IXYS ICD and IXYS Corporation**

IXYS Integrated Circuits Division (ICD), a leader in the design and manufacture of solid state relays and high voltage integrated circuits, is a wholly owned subsidiary of IXYS Corporation. IXYS Corporation develops and markets primarily high performance power semiconductor devices that are used in controlling and converting electrical power efficiently in power systems for the telecommunication and internet infrastructure, motor drives, medical systems and transportation. IXYS also serves its markets with a combination of digital and analog integrated circuits, power systems and RF GaAs and GaN based products. Additional information about IXYS Integrated Circuits Division, Zilog and IXYS may be found at [www.ixysic.com](http://www.ixysic.com), [www.zilog.com](http://www.zilog.com) and [www.ixys.com](http://www.ixys.com).

## **Safe Harbor Statement**

Any statements contained in this press release that are not statements of historical fact, including the performance, rating, availability, operation and suitability of products for various applications, may be deemed to be forward-looking statements. There are a number of important factors that could cause the results of IXYS to differ materially from those indicated by these forward-looking statements, including, among others, risks detailed from time to time in the Company's SEC reports, including its Form 10-K for the fiscal year ended March 31, 2017. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements.